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**Statement Claiming Small Entity Status**  
**(37 C.F.R. §§ 1.9(d) and 1.27(c)) -- Small Business Concern**

Applicant, Inventor or Identifier: Victor S. Lobanov, Dimitris K. Agrafiotis and Francis R. Salemme  
Appl. or Patent No.: (to be assigned) Attorney Docket No. 1503.0730000  
Filed or Issued: February 18, 2000  
Title: System, Method and Computer Program Product For Fast and Efficient Searching of Large Chemical Libraries

I hereby state that I am

- ☐ the owner of the small business concern identified below:  
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN 3-Dimensional Pharmaceuticals, Inc.

ADDRESS OF SMALL BUSINESS CONCERN Eagleview Corporate Center

665 Stockton Drive, Suite 104

Exton, Pennsylvania 19341

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 13 C.F.R. Part 121 for purposes of paying reduced fees to the United States Patent and Trademark Office. Questions related to size standards for a small business concern may be directed to: Small Business Administration, Size Standards Staff, 409 Third Street, SW, Washington, DC 20416.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

- ☐ the specification filed herewith with title as listed above.  
☒ the application identified above.  
☐ the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate statements indicating their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 C.F.R. § 1.9(c) if that person made the invention or by any concern which would not qualify as a small business concern under 37 C.F.R. § 1.9(d) or a nonprofit organization under 37 C.F.R. § 1.9(e).

Each person, concern or organization having any rights in the invention (other than the small business concern named above) is listed below:

- ☒ no such person, concern, or organization exists.  
☐ each person, concern, or organization is listed below.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL

☐ SMALL BUSINESS CONCERN

☐ NONPROFIT ORGANIZATION

Separate statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 C.F.R. § 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 C.F.R. § 1.28(b))

NAME OF PERSON SIGNING Scott M. Horvitz

TITLE OF PERSON IF OTHER THAN OWNER Vice President, Finance and Administration

ADDRESS OF PERSON SIGNING 3-Dimensional Pharmaceuticals, Inc., Eagleview Corporate Center, 665 Stockton Drive, Suite 104,  
Exton, Pennsylvania 19341

SIGNATURE x Scott M. Horvitz DATE x February 29, 2000



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## Certificate Under 37 C.F.R. § 3.73(b)

Applicant/Patent Owner: 3-Dimensional Pharmaceuticals, Inc.

Application No./Patent No.: (to be assigned) Filed/Issue Date: February 18, 2000

Entitled: System, Method and Computer Program Product For Fast and Efficient Searching of Large Chemical Libraries

3-Dimensional Pharmaceuticals, Inc.

(Name of Assignee)

, a Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☐ An Assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: ☒ Scott M. Horvitz February 29, 2000

Name: Scott M. Horvitz

Title: Vice-President Finance and Administration

Signature: ☒ Scott M. Horvitz

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: (1) Victor S. Lobanov, (2) Dimitris K. Agrafiotis, and (3) Francis R. Salemme, the undersigned inventors hereby sell and assign to 3-Dimensional Pharmaceuticals, Inc. (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

*check applicable box(es)* ☒ for the United States of America (as defined in 35 U.S.C. § 100),  
☒ and throughout the world,

(a) in the invention(s) known as System, Method and Computer Program Product For Fast and Efficient Searching of Large Chemical Libraries for which application(s) for patent in the United States of America has (have) been executed by the undersigned on (1) X 2,14,2000; (2) X 2,14 2000; and (3) X 2,14,2000 (also known as United States Application No. (to be assigned) filed Herewith), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.


The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

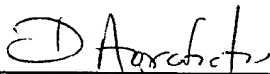
The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

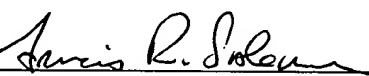
The undersigned inventors hereby grant Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox,

Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; Raz E. Fleshner, Esquire, Registration No. 34,331; John M. Covert, Esquire, Registration No. 38,759; and Linda E. Alcorn, Esquire, Registration No. 39,588; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

(1) Date: X 2.14.2000 Signature of Inventor: X   
Victor S. Lobanov

(2) Date: X 2.14.2000 Signature of Inventor: X   
Dimitris K. Agrafiotis

(3) Date: X 2.14.2000 Signature of Inventor: X   
Francis R. Salemm

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_



## POWER OF ATTORNEY FROM ASSIGNEE

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3-Dimensional Pharmaceuticals, Inc., a corporation of Pennsylvania,  
having a principal place of business at Eagleview Corporate Center, 665 Stockton Drive, Suite 104, Exton,  
Pennsylvania 19341

is assignee of the entire right, title and interest for the United States of America (as defined in  
35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on (1) 2/14/2000; (2) 2/14/2000; and  
(3) 2/14/2000 of an invention known as System, Method and Computer Program Product For Fast and  
Efficient Searching of Large Chemical Libraries (Attorney Docket No. 1503.0730000),  
which is disclosed and claimed in a patent application of the same title by the inventors (1) Victor S. Lobanov,  
(2) Dimitris K. Agrafiotis, and (3) Francis R. Salemme (said application filed on February 18, 2000 at  
the U.S. Patent and Trademark Office, having Application Number (to be assigned)).

The Assignee hereby appoints the following U.S. attorneys to prosecute this application and any continuation,  
divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and  
Trademark Office connected therewith: Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq.,  
Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; Samuel L. Fox, Esq., Reg. No. 30,353; David K.S.  
Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg.  
No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl,  
Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688; Michael Q. Lee, Esq., Reg. No. 35,239; Steven R.  
Ludwig, Esq., Reg. No. 36,203; Raz E. Fleshner, Esq., Reg. No. 34,331; John M. Covert, Esq., Reg. No. 38,759;  
and Linda E. Alcorn, Esq., Reg. No. 39,588. The Assignee hereby grants said attorneys the power to insert on this  
Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules  
of the U.S. Patent and Trademark Office.

Send correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934  
U.S.A.

Direct phone calls to 202-371-2600.

FOR: 3-Dimensional Pharmaceuticals, Inc.

SIGNATURE: X *Scott M. Horvitz*

BY: Scott M. Horvitz

TITLE: Vice-President, Finance and Administration

DATE: X February 29, 2000